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### [Abstract] [PDF Full-Text (341 KB)] IEE CNF

#### 2 Journey time estimation using MIDAS loop data

Abou-Rahme, N.; White, J.; Stewart, R.; Road Transport Information and Control, 2002. Eleventh International Conference on (Conf. Publ. No. 486), 19-21 March 2002

Page(s): 177 -181

Page(s): 182 -186

O- Access the

IEEE Member
Digital Library

#### [Abstract] [PDF Full-Text (373 KB)] IEE CNF

#### 3 Traffic diversion due to motorway tolls

Bell, M.G.H.; Wright, S.; Hills, P.J.; Electronic Tolling and Congestion Charging (Ref. No. 1999/092), IEE Seminar, 25 March 1999 Page(s): 3/1 -310

#### [Abstract] [PDF Full-Text (572 KB)] IEE CNF

4 Application of neural network techniques to automatic

#### licence plate recogniti n

Tindall, D.W.;

Security and Detection, 1995., European Convention on , 16-18 May 1995

Page(s): 81 -85

#### [Abstract] [PDF Full-Text (692 KB)] IEE CNF

## 5 Results of the Cambridge experiment in congestion management

Blythe, P.T.; Clark, D.J.; Rourke, A.; Road Traffic Monitoring and Control, 1994., Seventh International Conference on , 26-28 Apr 1994

Page(s): 42 -45

#### [Abstract] [PDF Full-Text (332 KB)] IEE CNF

#### 6 Autonomous intelligent cruise control

Page, R.P.;

Car and its Environment - What DRIVE and PROMETHEUS Have to Offer, IEE Colloquium on , 25 Jan 1990

Page(s): 2/1 -2/2

#### [Abstract] [PDF Full-Text (116 KB)] IEE CNF

#### 7 Fibre-optic axle sensors for vehicle data collection

Stevens, A.; Spindlow, J.R.; Jones, G.R.;

Road Traffic Control, 1990., Third International Conference on , 1-3

May 1990

Page(s): 148 -152

#### [Abstract] [PDF Full-Text (204 KB)] IEE CNF

# 8 Neighborhood electric vehicles: the simple things that move you

Murphy, M.E.;

Northcon/94 Conference Record , 11-13 Oct. 1994

Page(s): 260 -263

#### [Abstract] [PDF Full-Text (304 KB)] IEEE CNF

#### 9 An inter-vehicle networking method using laser media

Yashiro, T.; Kondo, T.; Ariyasu, K.; Matsushita, Y.; Vehicular Technology Conference, 1994 IEEE 44th, 8-10 June 1994 Page(s): 443 -447 vol.1

#### [Abstract] [PDF Full-Text (368 KB)] IEEE CNF

## 10 Vehicle detection and tracking for freeway traffic monitoring

Gloyer, B.; Aghajan, H.K.; Kai-Yeung Siu; Kailath, T.; Signals, Systems and Computers, 1994. 1994 Conference Record of the Twenty-Eighth Asilomar Conference on , Volume: 2 , 31 Oct.-2 Nov. 1994

Page(s): 970 -974 vol.2

#### [Abstract] [PDF Full-Text (312 KB)] IEEE CNF

# 11 Roadway traffic controller design for automated highway systems

Chien, C.C.; Zhang, Y.; Stotsky, A.; Ioannou, P.; Decision and Control, 1994., Proceedings of the 33rd IEEE Conference on , Volume: 3 , 14-16 Dec. 1994 Page(s): 2425 -2430 vol.3

#### [Abstract] [PDF Full-Text (460 KB)] IEEE CNF

### 12 Definition of congestion based on drivers' consciousness

Matsui, H.; Fujita, M.;

Vehicle Navigation and Information Systems Conference, 1994.

Proceedings., 1994, 31 Aug.-2 Sept. 1994

Page(s): 339 -344

#### [Abstract] [PDF Full-Text (460 KB)] IEEE CNF

# 13 A new, robust, high data rate digital FM subcarrier system for mobile ITS applications

Chadwick, D.J.; Marshall, J.W.; Koch, B.O.; Patel, V.M.; Hamalainen, J.M.;

Intelligent Vehicles '95 Symposium., Proceedings of the , 25-26 Sept. 1995

Page(s): 19 -23

#### [Abstract] [PDF Full-Text (360 KB)] IEEE CNF

#### 14 Intelligent checking system of street surface

Momozawa, M.; Horie, R.; Hasegawa, T.; Industrial Electronics, 1995. ISIE '95., Proceedings of the IEEE International Symposium on , Volume: 1 , 10-14 July 1995 Page(s): 410 -415 vol.1

#### [Abstract] [PDF Full-Text (600 KB)] IEEE CNF

# 15 An unified vehicle supervising and traffic information system

Shin-Iuan Wang; Chia-Chi Huang;

Personal, Indoor and Mobile Radio Communications, 1996.

PIMRC'96., Seventh IEEE International Symposium on, Volume: 3,

15-18 Oct. 1996

Page(s): 968 -972 vol.3

#### [Abstract] [PDF Full-Text (380 KB)] IEEE CNF

## 16 Traffic monitoring and congestion prediction using handoffs in wireless cellular communications

Sankar, R.; Civil, L.;

Vehicular Technology Conference, 1997 IEEE 47th, Volume: 2, 4-7

May 1997

Page(s): 520 -524 vol.2

#### [Abstract] [PDF Full-Text (368 KB)] IEEE CNF

### 17 Intelligent traffic monitoring system using wireless cellular communications

Sankar, R.; Civil, L.;

Southeastcon '97. 'Engineering new New Century'., Proceedings.

IEEE, 12-14 April 1997

Page(s): 210 -214

#### [Abstract] [PDF Full-Text (368 KB)] IEEE CNF

# 18 Call admission control in mobile cellular network based on macroscopic modeling of vehicular traffic

Taekyoung Kwon; Yanghee Choi;

Vehicular Technology Conference, 1998. VTC 98. 48th IEEE, Volume:

3, 18-21 May 1998

Page(s): 1940 -1944 vol.3

#### [Abstract] [PDF Full-Text (420 KB)] IEEE CNF

### 19 Estimation of optimal green time simulation using fuzzy neural network

You Sik Hong; JongSoo Kim; Jeong Kwangson; ChongKug Park; Fuzzy Systems Conference Proceedings, 1999. FUZZ-IEEE '99. 1999

IEEE International, Volume: 2, 22-25 Aug. 1999

Page(s): 761 -766 vol.2

#### [Abstract] [PDF Full-Text (256 KB)] IEEE CNF

### 20 Modeling, analysis, simulation and control of semiconductor manufacturing systems: a generalized stochastic colored timed Petri net approach

Ming-Hung Lin; Li-Chen Fu;

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. 1999 IEEE International Conference on , Volume: 3,

12-15 Oct. 1999

Page(s): 769 -774 vol.3

#### [Abstract] [PDF Full-Text (504 KB)] IEEE CNF

### 21 Introduction of intelligent vehicle detection sensors

Matsuo, T.; Kaneko, Y.; Matano, M.; Intelligent Transportation Systems, 1999. Proceedings. 1999 IEEE/IEEJ/JSAI International Conference on , 5-8 Oct. 1999

Page(s): 709 -713

#### [Abstract] [PDF Full-Text (388 KB)] IEEE CNF

### 22 An emissions and energy comparison between a simulated automated highway system and current traffic conditions

Intelligent Transportation Systems, 2000. Proceedings. 2000 IEEE, 1-3 Oct. 2000

Page(s): 358 -363

#### [Abstract] [PDF Full-Text (532 KB)] IEEE CNF

### 23 An ideal mode for public transportation in the future-exclusive road network of transit under intellectual management

Dianhai Wang; Hongqiang Li; Jianzhi Wang;

Vehicle Electronics Conference, 2001. IVEC 2001. Proceedings of the

IEEE International, 25-28 Sept. 2001

Page(s): 243 -247

#### [Abstract] [PDF Full-Text (389 KB)] IEEE CNF

24 Vehicle technology assessment for Baltimore transit connector

Kouassi, A.J.; Railroad Conference, 2001. Proceedings of the 2001 IEEE/ASME Joint , 17-19 April 2001 Page(s): 201 -212

### [Abstract] [PDF Full-Text (1516 KB)] IEEE CNF

# 25 An adaptive model for real-time estimation of overflow queues on congested arterials

Liping Fu; Hellinga, B.; Yongliang Zhu; Intelligent Transportation Systems, 2001. Proceedings. 2001 IEEE, 25-29 Aug. 2001 Page(s): 219 -226

#### [Abstract] [PDF Full-Text (560 KB)] IEEE CNF

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